§ 153.217

- (1) Operate in any ambient temperature:
- (2) Dispense water at a temperature between 0 °C and 40 °C (approx. 32 °F and 104 °F):
- (3) Be located on the weatherdeck; and
- (4) Be marked "EMERGENCY SHOW-ER" as described in §153.955 (c), (d), and (e), so that the marking is visible from work areas in the part of the deck where the cargo containment systems are located.

[CGD 81-101, 52 FR 7781, Mar. 12, 1987]

§153.217 Access to enclosed spaces and dedicated ballast tanks.

An access opening to an enclosed space or a dedicated ballast tank must meet the requirements for a cargo tank access in §153.254 (b), (c), and (d) if:

- (a) The enclosed space or dedicated ballast tank is located within the cargo area of the vessel; or
- (b) A part of a cargo containment system lies within the enclosed space or dedicated ballast tank.

[CGD 78-128, 47 FR 21207, May 17, 1982]

§153.219 Access to double bottom tanks serving as dedicated ballast tanks.

- (a) Except as prescribed in paragraph (b) of this section, access openings to double bottom tanks serving as dedicated ballast tanks must not be located within a cargo containment system.
- (b) Each access opening to a double bottom tank that is a dedicated ballast tank and that is located within a cargo containment system must be:
- (1) Enclosed in an access trunk extending to the weatherdeck;
- (2) Separated from the cargo containment system by two manhole coverings; or
- (3) Approved by the Commandant (G-MSO).

[CGD 78-128, 47 FR 21207, May 17, 1982, as amended by CGD 82-063b, 48 FR 4782, Feb. 3, 1983]

CARGO CONTAINMENT SYSTEMS

§153.230 Type I system.

A type I containment system must meet the following requirements:

- (a) The vessel must meet the requirements in subpart F of part 172 of this chapter for a type I hull.
 - (b) Except as described in §153.235:
- (1) It may be no closer to the tankship's shell than 76 cm (approx. 29.9 in.); and
- (2) It may not be located in any part of the tankship subject to the damage described in Table 172.135 of this chapter for:
- (i) COLLISION PENETRATION, Transverse extent; and
- (ii) GROUNDING PENETRATION, Vertical extents from the baseline upward.

[CGD 73-96, 42 FR 49027, Sept. 26, 1977, as amended by CGD 79-023, 48 FR 51009, Nov. 4, 1983]

§153.231 Type II system.

- A type II containment system must meet the following requirements:
- (a) The vessel must meet the requirements in subpart F of part 172 of this chapter for a type I or II hull.
- (b) Except as allowed in $\S153.7$ and 153.235—
- (1) It may be no closer to the tankship's shell than 76 cm (approx. 29.9 in.); and
- (2) It may not be located in any part of the tankship subject to the damage described in Table 172.135 of this chapter for GROUNDING PENETRATION, Vertical extent from the baseline upward.

[CGD 73-96, 42 FR 49027, Sept. 26, 1977, as amended by CGD 79-023, 48 FR 51009, Nov. 4, 1983; CGD 81-101, 52 FR 7781, Mar. 12, 1987]

§153.232 Type III system.

A type III containment system must be in either a type I, II, or III hull. The requirements for type I, II, and III hulls are in subpart F of part 172 of this chapter.

[CGD 79–023, 48 FR 51009, Nov. 4, 1983]

§153.233 Separation of tanks from machinery, service and other spaces.

- (a) To prevent leakage through a single weld failure, the following spaces must be separated from a cargo by two walls, two bulkheads, or a bulkhead and a deck not meeting in a cruciform joint:
 - (1) Machinery spaces.
 - (2) Service spaces.
 - (3) Accommodation spaces.